

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

1. (Currently Amended) An image sensing apparatus comprising:

(a) a light source which emits a first light, a second light, and a third light which are different in wavelength; and

(b) a sensing unit which, in response to a trigger signal for triggering an operation of sensing one line of an image, outputs in a first period, a signal of one line of an image illuminated with the emitted light[[;]],

wherein the first light, the second light, and the third light are continuously turned on and off in this order in the first period, and the first light, the second light, and the third light are continuously turned on and off in this order in a second period during which [[said]] the trigger signal is not generated over a length of time greater than the first period.

2.-4. (Canceled)

5. (Previously Presented) An apparatus according to claim 1, wherein said light source continuously turns on and off the first, the second and the third light so that said sensing unit may sense an image in a color mode.

6. (Previously Presented) An apparatus according to claim 1, wherein said light source continuously turns on and off the first, the second and the third light so that said sensing unit may sense an image in a monochrome mode.

7. (Previously Presented) An apparatus according to claim 1, wherein said sensing unit outputs a signal a plurality of times during the first period.

8. (Currently Amended) An apparatus according to claim [[7]] 1, wherein said sensing unit outputs a signal once during the first period.

9.-11: (Canceled)

12. (Previously Presented) An apparatus according to Claim 1, wherein said first, second, and third light include light with wavelengths corresponding to red, green, and blue.

13. (Canceled)

14. (Currently Amended) A method of sensing an image, comprising the steps of:

(a) generating a trigger signal for triggering an operation of sensing one line of an image;

(b) continuously turning on and off a first, a second, and a third light in a one-line sensing period, wherein the first light, the second light, and the third light are different in wavelength;

(c) in response to the trigger signal, outputting in a first period, a signal of one line of the image illuminated with the emitted light; and

(d) continuously turning on and off the first light, the second light, and the third light in this order in a second period during which [[said]] the trigger signal is not generated over a length of time greater than the first period.

15.-17. (Canceled)

18. (Previously Presented) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are continuously turned on and off thereby sensing an image in a color mode.

19. (Previously Presented) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are continuously turned on and off thereby sensing an image in a monochrome mode.

20. (Previously Presented) A method of sensing an image according to claim 14, wherein the signal of one line of the image is output a plurality of times during the first period.

21. (Currently Amended) A method of sensing an image according to claim [[20]] 14, wherein the signal of one line of the image signal is output once during the first sensing period.

22.-24. (Canceled)

25. (Currently Amended) A method of sensing an image according to Claim 14, wherein [[said]] the first, second, and third light include light with wavelengths corresponding to red, green, and blue.

26. (Canceled)

27. (Currently Amended) A control memory in which is stored a program comprising the steps of:

(a) generating a trigger signal for triggering an operation of sensing one line of an image;

(b) continuously turning on and off a first, a second, and a third light in a one-line sensing period, wherein the first light, the second light, and the third light are different in wavelength;

(c) in response to the trigger signal, outputting, in a first period, a signal of one line of the image illuminated with the emitted light; and

(d) continuously turning on and off the first, the second, and the third light in this order in a second period during which [[said]] the trigger signal is not generated over a length of time greater than the first period.

28.-30. (Canceled)

31. (Previously Presented) A control memory according to claim 27, wherein said program continuously turns on and off the first, the second and the third light sources for sensing an image in a color mode.

32. (Previously Presented) A control memory according to claim 27, wherein said program continuously turns on and off the first, the second and the third light sources for sensing an image in a monochrome mode.

33. (Previously Amended) A control memory according to claim 27, wherein the signal of one line of the image is output a plurality of times during the first period.

34. (Currently Amended) A control memory according to claim [[33]] 27, wherein the signal of one line of the image is output once during the first period.

35.-37. (Canceled)

38. (Currently Amended) A control memory according to claim 27,
wherein [[said]] the first, second, and third light include light with wavelengths
corresponding to red, green and blue.

39.-93. (Canceled)

94. (Previously Presented) An apparatus according to claim 1, wherein
the first light is emitted in a case where light other than the first light is being emitted when
the trigger signal is generated in the second period.

95. (Previously Presented) An apparatus according to claim 94, wherein
the first light is light which is first emitted at the beginning of a sensing operation
performed by the sensing unit.

96. (Previously Presented) An apparatus according to claim 94, wherein
the first light is light which is slower in a rising speed when being turned on than the
second and third light.

97. (Previously Presented) An apparatus according to claim 94, wherein
the first, the second, and the third lights are continuously turned on and off whereby the
sensing unit senses a color image.

98. (Previously Presented) An apparatus according to claim 94, wherein the first, the second, and the third lights are continuously turned on and off whereby the sensing unit senses a monochrome image.

99. (Previously Presented) An apparatus according to claim 94, wherein the sensing unit outputs a signal a plurality of times during the first period.

100. (Previously Presented) An apparatus according to claim 94, wherein the sensing unit outputs a signal once during the first period.

101. (Previously Presented) An apparatus according to claim 94, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

102. (Previously Presented) A method of sensing an image according to claim 14, further comprising the step of:

emitting the first light in a case where light other than the first light is being emitted when the trigger signal is generated in the second period.

103. (Currently Amended) An apparatus A method of sensing an image according to claim 102, wherein the first light is light which is first emitted at the beginning of a sensing operation.

104. (Currently Amended) An apparatus A method of sensing an image
according to claim 102, wherein the first light is light which is slower in a rising speed
when being turned on than the second and third light.

105. (Currently Amended) An apparatus A method of sensing an
image according to claim 102, wherein said step of continuously turning on and off of first,
second and third lights is carried out by a light source control unit which controls a light
source such that the first, the second and the third lights are continuously turned on and off
whereby a sensing unit senses a color image.

106. (Currently Amended) An apparatus A method of sensing an image
according to claim 102, wherein said step of continuously turning on and off of first,
second and third lights is carried out by operation of a light source control unit which
controls a light source such that the first, the second and the third lights are continuously
turned on and off, and whereby a sensing unit senses a monochrome image.

107. (Currently Amended) An apparatus A method of sensing an image
according to claim 102, wherein a sensing unit outputs [[said]] the signal of one line of the
image a plurality of times during the first period.

108. (Currently Amended) An apparatus A method of sensing an image
according to claim 102, wherein a sensing unit outputs [[said]] the signal of one line of the
image once during the first period.

109. (Currently Amended) An apparatus A method of sensing an image according to claim 102, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

110. (Previously Presented) A control memory according to claim 27, said program further comprising the step of:

emitting the first light in a case where light other than the first light is being emitted when the trigger signal is generated in the second period.

111. (Currently Amended) An apparatus A control memory according to claim 110, wherein the first light is light which is first emitted at the beginning of a sensing operation.

112. (Currently Amended) An apparatus A control memory according to claim 110, wherein the first light is light which is slower in a rising speed when being turned on than the second and third light.

113. (Currently Amended) An apparatus A control memory according to claim 110, wherein said step of continuously turning on and off of first, second and third lights is carried out by operation of a light source control unit which controls a light source such that the first, the second and the third lights are continuously turned on and off, and whereby a sensing unit senses a color image.

114. (Currently Amended) An apparatus A control memory according to claim 110, wherein the first, the second and the third lights are continuously turned on and off, and whereby a sensing unit senses a monochrome image.

115. (Currently Amended) An apparatus A control memory according to claim 110, wherein the signal of one line of the image is output a plurality of times during the first period.

116. (Currently Amended) An apparatus A control memory according to claim 110, wherein the signal of one line of the image is output once during the first period.

117. (Currently Amended) An apparatus A control memory according to claim 110, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

118. (Currently Amended) An apparatus according to claim 1, wherein a predetermined color light is turned on when [[said]] the trigger signal is generated during the second period regardless of the present emitting color of light.

119. (Currently Amended) A method according to claim 14, wherein a predetermined color light is turned on when [[said]] the trigger signal is generated during the second period regardless of the present emitting color of light.

120. (Currently Amended) A control memory according to claim 27, wherein a predetermined color light is turned on when [[said]] the trigger signal is generated during the second period regardless of the present emitting color of light.

121. (New) An image sensing apparatus comprising:

(a) a light source which emits a first light, a second light and a third light which are different in wavelength; and

(b) a sensing unit which accumulates valid data of an image illuminated with the emitted light in a first period in response to a trigger signal for triggering an operation of sensing one line of an image, and accumulates invalid data in a second period, wherein the first light, the second light, and the third light are continuously turned on and off in this order in the first and second period, and the first light is turned on in the beginning of the first period in a case that the trigger signal is generated in the second period.

122. (New) An apparatus according claim 121, wherein the first, the second and the third lights are continuously turned on and off whereby the sensing unit senses a color image.

123. (New) An apparatus according to claim 121, wherein the first, the second and the third lights are continuously turned on and off whereby the sensing unit senses a monochrome image.

124. (New) An apparatus according to claim 121, wherein said first, second, and third light include light with wavelengths corresponding to red, green, and blue.

125. (New) A method of sensing an image, comprising the steps of:

- (a) emitting a first, a second, and a third light which are different in wavelength;
- (b) generating a trigger signal for triggering an operation of sensing one line of an image;
- (c) accumulating valid data of the image illuminating with the emitted light in a first period in response to the trigger signal and invalid data in a second period;
- (d) continuously turning on and off the first light, the second light, and the third light in this order in the first and second period; and
- (e) turning on the first light in the beginning of the first period in a case that the trigger signal is generated in the second period.

126. (New) A method of sensing an image according to claim 125, wherein said step of continuously turning on and off of the first, second and third lights is carried out by a light source control unit which controls a light source such that the first, the second and the third lights are continuously turned on and off whereby a sensing unit senses a color image.

127. (New) A method of sensing an image according to claim 125, wherein said step of continuously turning on and off of first, second and third lights is carried out by a light source control unit which controls a light source such that the first, the second and the third lights are continuously turned on and off whereby a sensing unit senses a monochrome image.

128. (New) A method of sensing an image according to claim 125, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

129. (New) A control memory in which is stored a program comprising the steps of:

- (a) emitting a first, a second, a third light which are different in wavelength;
- (b) generating a trigger signal for triggering an operation of sensing one line of an image;
- (c) accumulating valid data of the image illuminated with the emitted light in a first period in response to the trigger signal and invalid data in a second period;
- (d) continuously turning on and off the first light, the second light, and the third light in this order in the first and second period; and
- (e) turning on the first light in the beginning of the first period in a case that the trigger signal is generated in the second period.

130. (New) A control memory according to claim 129, wherein said step of continuously turning on or off of first, second and third lights is carried out by a light source control unit which controls a light source such that the first, the second and the third lights are continuously turned on and off whereby a sensing unit senses a monochrome image.

131. (New) A control memory according to claim 129, wherein said step of continuously turning on and off of first, second and third lights is carried out by a light source control unit which controls a light source such that the first, the second and the third lights are continuously turned on and off whereby a sensing unit senses a monochrome image.

132. (New) A control memory according to claim 129, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.